

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claims 1, 8, 11-13, 16 and 17 as follows:

Listing of claims:

1. (Currently Amended) A latch, comprising:
a first member operable to be attached to a chassis and defining a slot, the chassis having a first connector; and
a second member operable to be attached to a side of a sub assembly that is installable in the chassis and includes a second connector, the second member having a lip and operable to rotate about an axis normal to the side to engage the slot with the lip, wherein engagement of the slot with the lip causes the second connector to engage the first connector.
2. (Original) The latch of claim 1 wherein the second member defines a hole that is operable to receive a fastener that attaches the second member to the sub assembly.
3. (Original) The latch of claim 1 wherein the second member defines a hole that is operable to receive a screw that attaches the second member to the sub assembly.
4. (Original) The latch of claim 1 wherein:
the second member defines a hole that is operable to receive a fastener that attaches the second member to the sub assembly; and
the second member is operable to rotate about the fastener.
5. (Original) The latch of claim 1 wherein the second member includes a latch guide that is operable to prevent the second member from rotating beyond a predetermined position by engaging the first member.
6. (Original) The latch of claim 1, further comprising:
a guide member operable to be attached to the sub assembly; and
wherein the second member includes a latch guide that is operable to prevent the second member from rotating beyond a predetermined position by engaging the guide member.
7. (Original) The latch of claim 1 wherein:
the slot has an edge; and

the lip has a notch operable to engage the edge when the lip engages the slot.

8. (Currently Amended) A sub assembly installable in a chassis having a first connector and a first latch member that defines a slot, the sub-assembly comprising:

a side;

a second connector; and

a second latch member attached to the side, having a lip, and operable to rotate about an axis normal to the side to engage the slot with the lip, wherein engagement of the slot with the lip causes the second connector to engage the first connector.

9. (Original) The sub assembly of claim 8, further comprising:
wherein the side defines a first hole;
wherein the second member defines a second hole; and
a screw that extends through the second hole and into the first hole to rotatably attach the second member to the side.

10. (Original) The sub assembly of claim 8, further comprising:
a guide member attached to a side; and
wherein the second member includes a latch guide that is operable to prevent the second member from rotating beyond a predetermined position by engaging the guide member.

11. (Currently Amended) A system, comprising:
a chassis having a receptacle and a first connector;
a first latch member attached to the chassis adjacent to the receptacle and defining a slot;
a sub assembly having a second connector and a side and disposed in the receptacle; and
a second latch member attached to the sub assembly side, having a lip, and operable to rotate about an axis normal to the sub assembly side to engage the slot with the lip, wherein engagement of the slot with the lip causes the second connector to engage the first connector.

12. (Currently Amended) ~~The system of claim 11, further comprising:~~
~~a first electrical connector attached to the chassis; and~~
~~a wherein the second electrical connector attached to the sub assembly and is~~
operable to mate with the first connector when the lip engages the slot.

13. (Currently Amended) The system of claim 11, further comprising:
wherein the sub assembly defines a first hole;
wherein the second latch member defines a second hole;
~~first electrical connector attached to the chassis;~~
~~a second electrical connector attached to the sub assembly; and~~
a screw that extends through the second hole and into the first hole and that
forces the first connector to mate with the second connector when the screw is
tightened and the lip engages the slot.

14. (Original) The system of claim 11, further comprising:
wherein the receptacle has a rear; and
a stop disposed in the receptacle and operable to maintain a minimum
predetermined distance between the sub assembly and the rear of the receptacle.

15. (Original) The system of claim 11, further comprising:
wherein the receptacle has a rear; and
a stop attached to the sub assembly and operable to maintain a minimum
predetermined distance between the sub assembly and the rear of the receptacle.

16. (Currently Amended) A method, comprising:
inserting a sub assembly having a side and a first connector into a chassis
having a second connector;
rotating a first latch member disposed on the sub assembly side about an axis
normal to the sub assembly side; and
engaging a lip of ~~a~~the first latch member disposed on the sub assembly with a
slot of a second latch member disposed on the chassis, wherein engagement of the
slot with the lip causes the second connector to engage the first connector.

17. (Currently Amended) The method of claim 16 wherein ~~inserting the~~
~~sub assembly comprises engaging a~~the first electrical connector disposed on the sub
~~assembly~~mates with a ~~the~~ second electrical connector disposed on the chassis.

18. (Original) The method of claim 16, further comprising tightening a
screw that attaches the first latch member to the sub assembly after engaging the lip
with the slot.